

# Recombinant Human ERBB4 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. ErbB4-7282HAF555 Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 555 conjugated recombinant human ErbB4 (NP_005226.1) (Met1-Arg649), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	865
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant human ERBB4/Fc is a disulfide-linked homodimer. The reduced monomer comprises 865 amino acids and has a predicted molecular mass of 96.6 kDa. The apparent molecular mass of the protein is approximately 117 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of sterile PBS, pH 7.4
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 555

## GENE INFORMATION

<b>Gene Name</b>	ERBB4 v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian) [ Homo sapiens ]
<b>Official Symbol</b>	ErbB4
<b>Gene ID</b>	2066
<b>mRNA Refseq</b>	NM_001042599
<b>Protein Refseq</b>	NP_001036064
<b>MIM</b>	600543
<b>UniProt ID</b>	Q15303

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